

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008986.D
 Acq On : 16 Apr 2019 14:41
 Operator : JC/SP
 Sample : K2387-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-190410

Quant Time: Apr 17 05:34:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

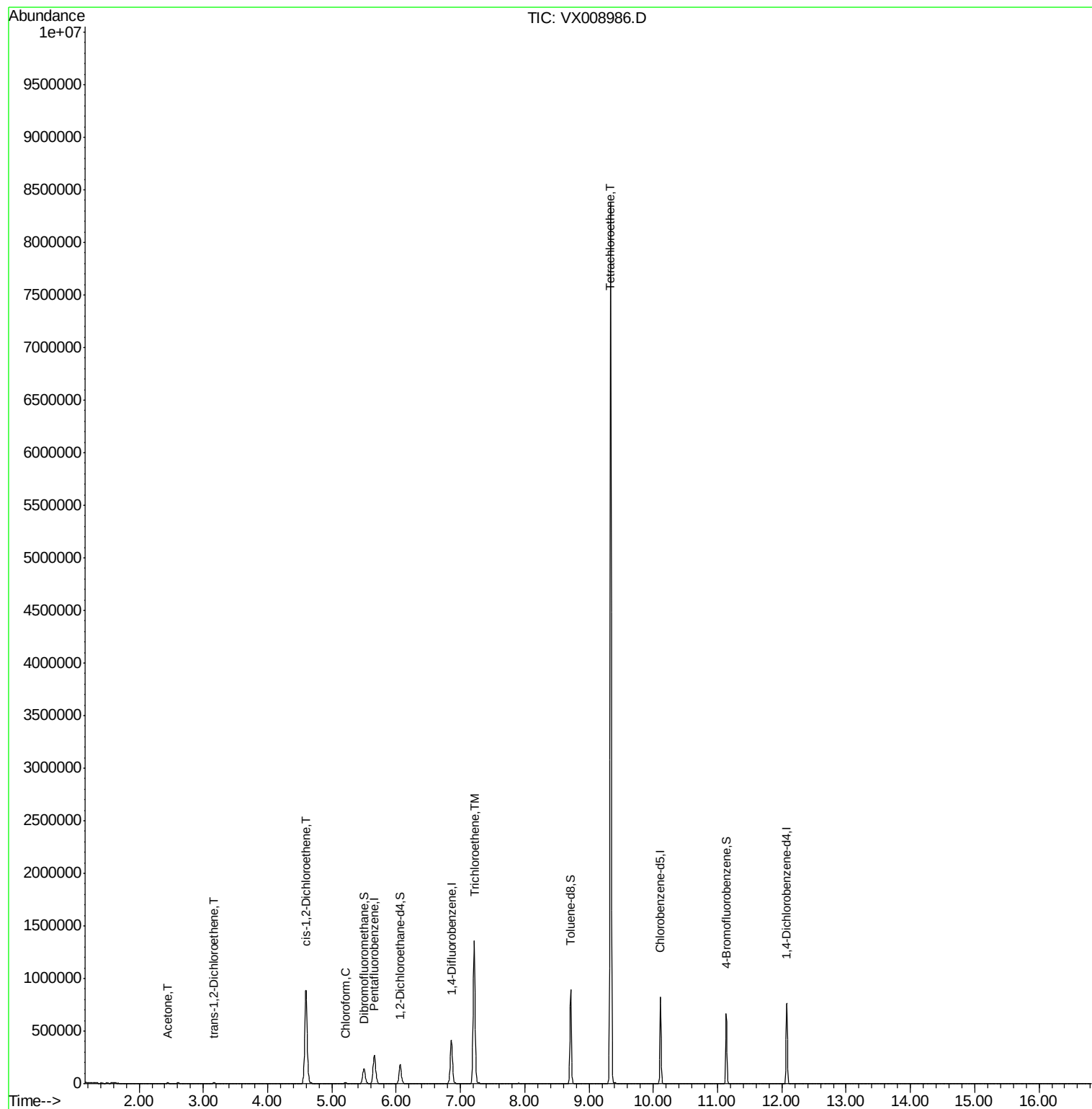
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	415914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168290	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
35) Dibromofluoromethane	5.50	113	123933	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	8.71	98	516497	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	175123	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
Target Compounds						
16) Acetone	2.44	43	7312	3.832	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	2639	0.884	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	557159	164.319	ug/l	90
30) Chloroform	5.21	83	6270	1.176	ug/l	96
44) Trichloroethene	7.21	130	518959	166.911	ug/l	99
64) Tetrachloroethene	9.34	164	1650281	603.811	ug/l	98

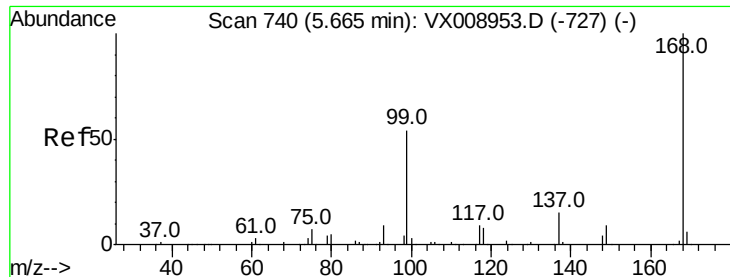
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

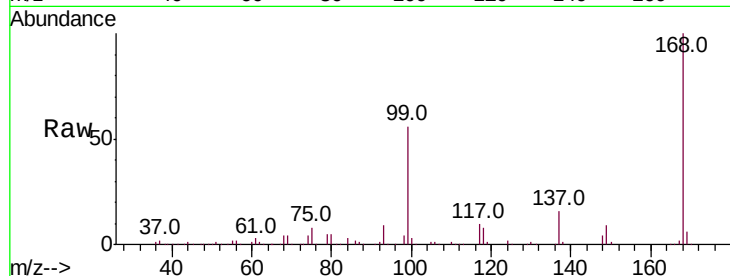
KY063MW003-190410

Tot Ion:168 Resp: 261093

Ion Ratio Lower Upper

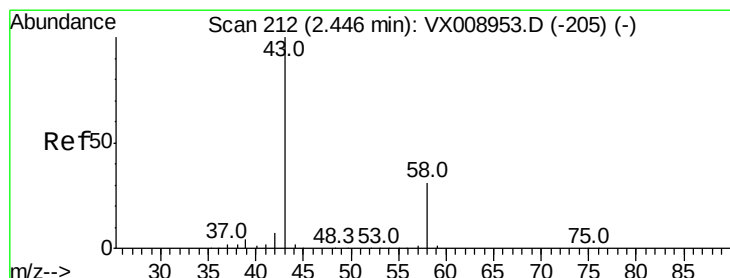
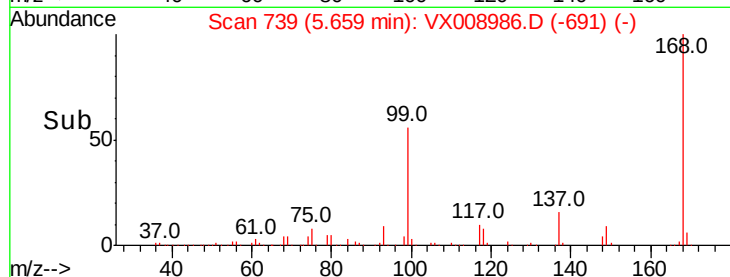
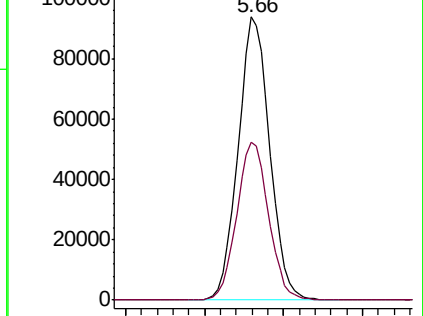
168 100

99 55.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.832 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008986.D

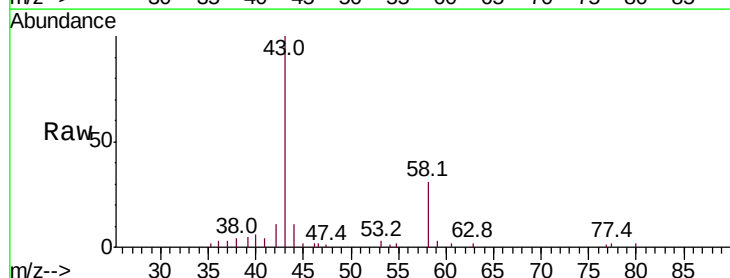
Acq: 16 Apr 2019 14:41

Tgt Ion: 43 Resp: 7312

Ion Ratio Lower Upper

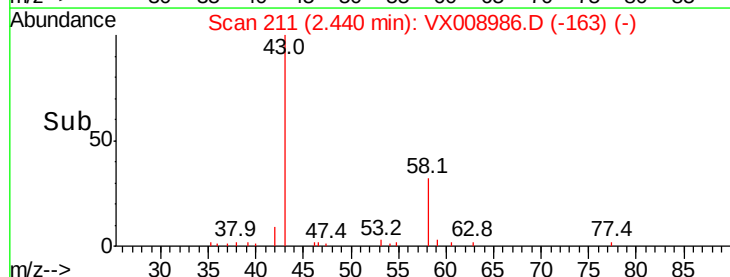
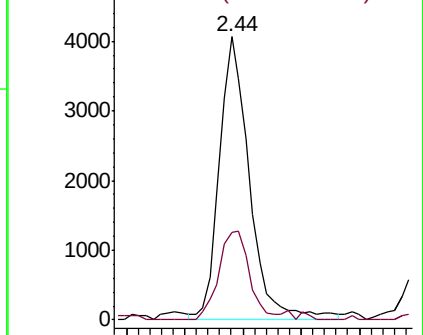
43 100

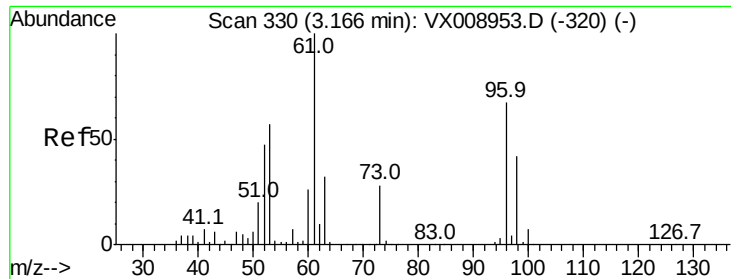
58 31.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.884 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-190410

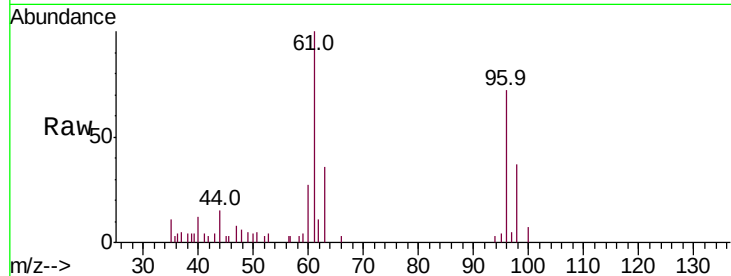
Tot Ion: 96 Resp: 2639

Ion Ratio Lower Upper

96 100

61 133.8 120.3 180.5

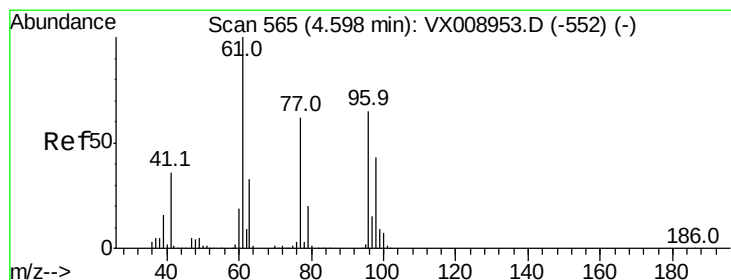
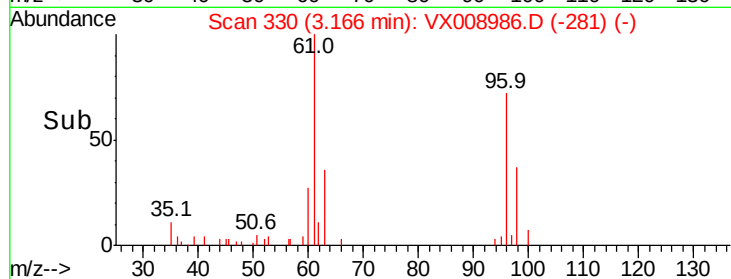
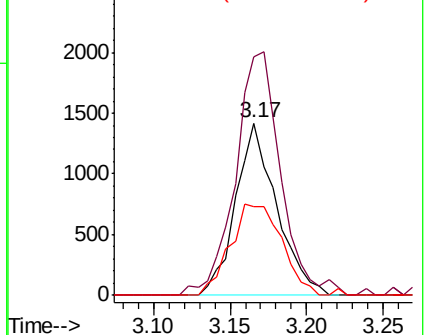
98 51.9 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 164.319 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

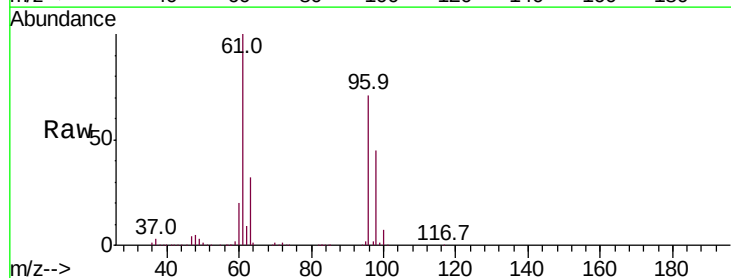
Tgt Ion: 96 Resp: 557159

Ion Ratio Lower Upper

96 100

61 143.1 0.0 322.0

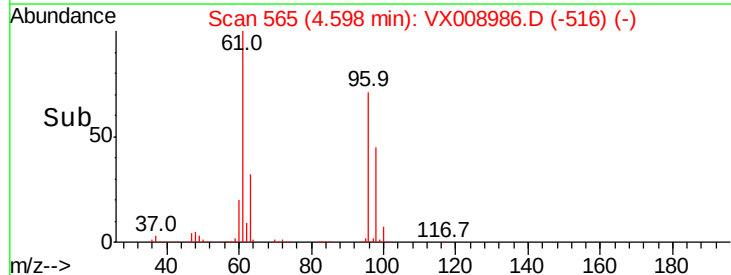
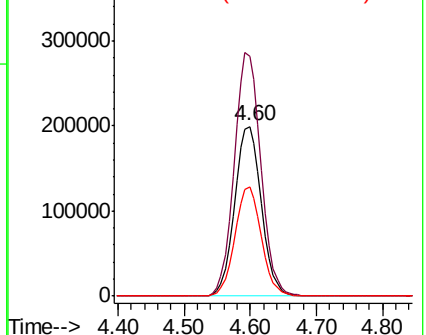
98 63.7 0.0 128.4

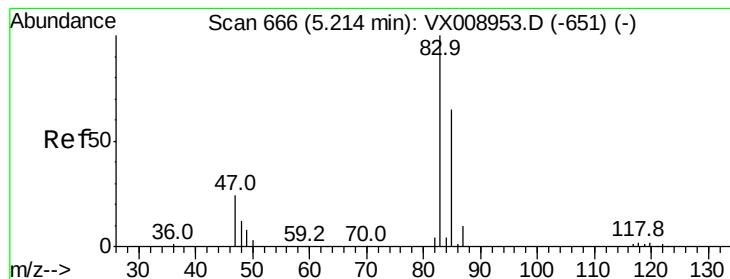


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#30

Chloroform

Concen: 1.176 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

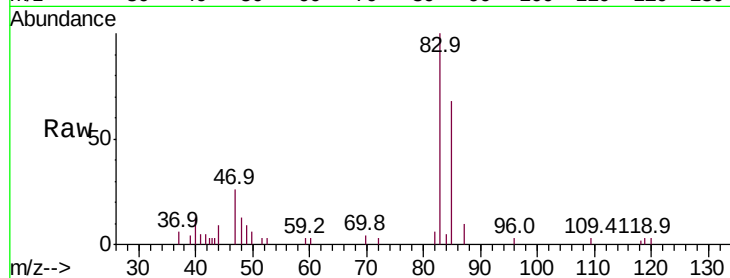
KY063MW003-190410

Tot Ion: 83 Resp: 6270

Ion Ratio Lower Upper

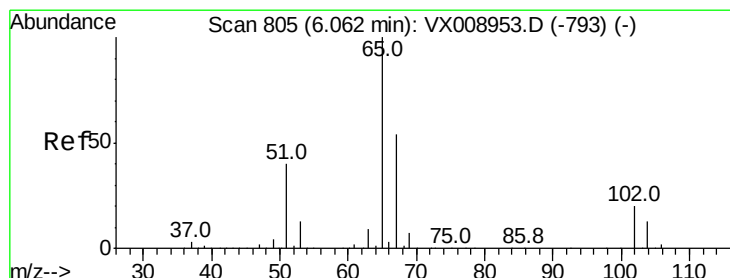
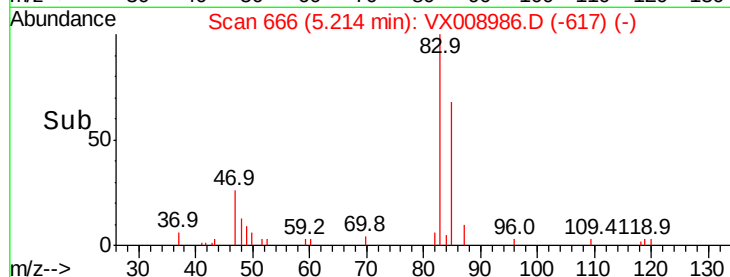
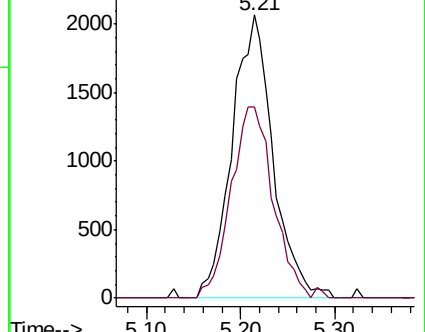
83 100

85 67.7 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.737 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008986.D

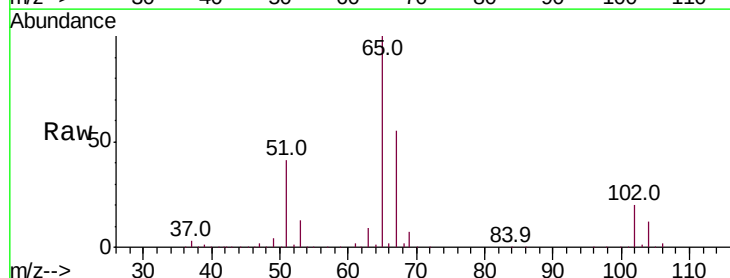
Acq: 16 Apr 2019 14:41

Tgt Ion: 65 Resp: 168290

Ion Ratio Lower Upper

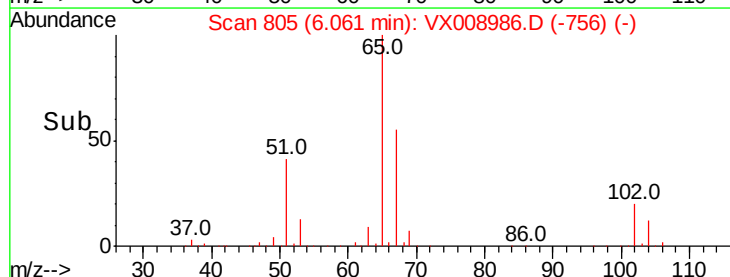
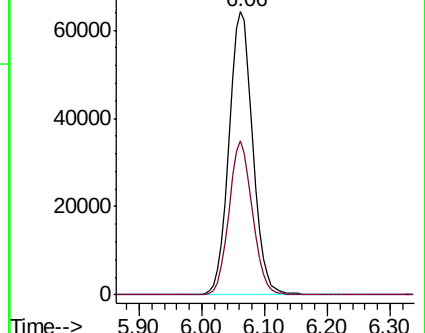
65 100

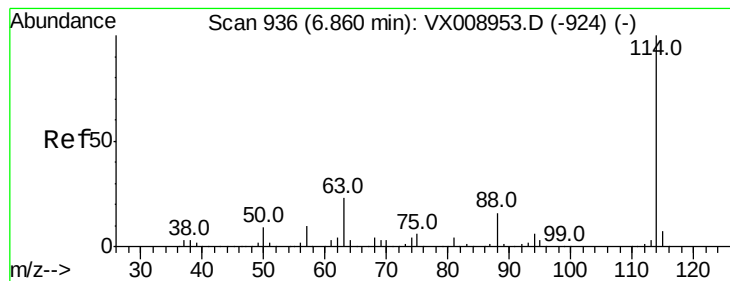
67 53.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-190410

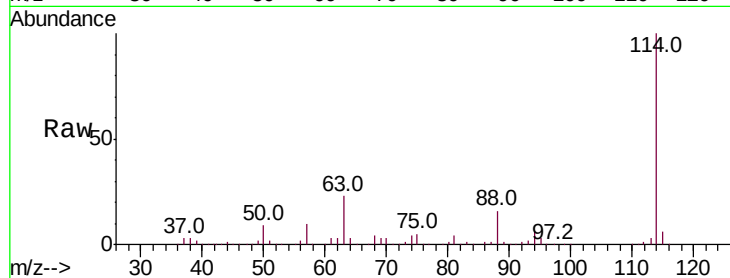
Tot Ion:114 Resp: 415914

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.0

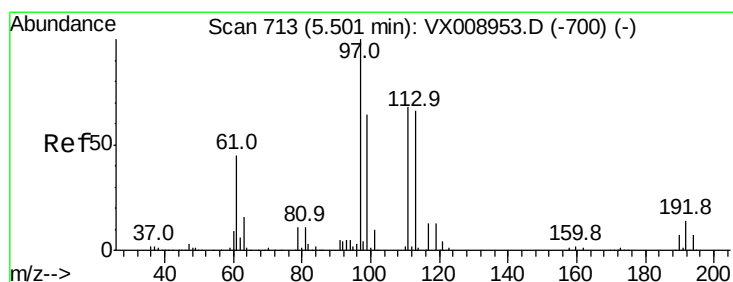
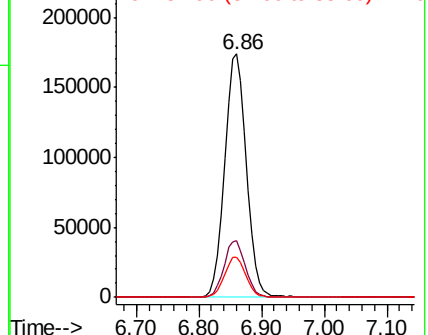
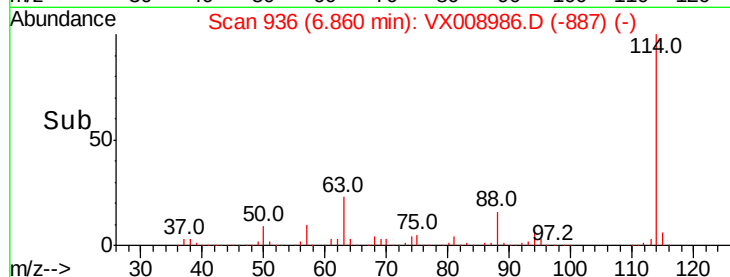
88 16.4 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.430 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

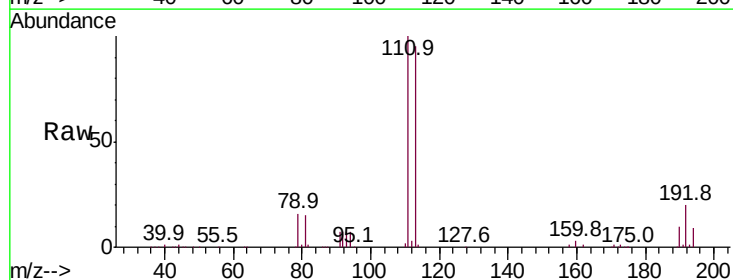
Tgt Ion:113 Resp: 123933

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

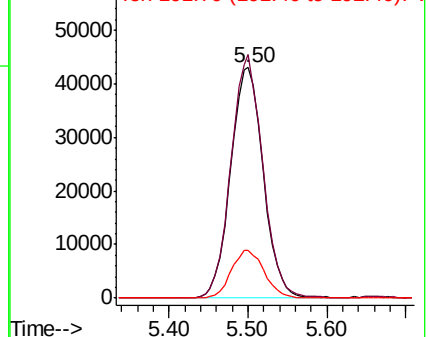
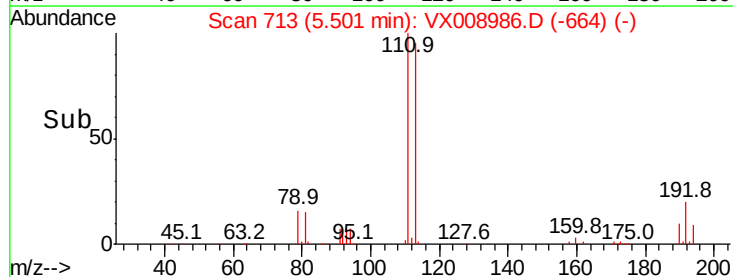
192 21.0 17.4 26.0

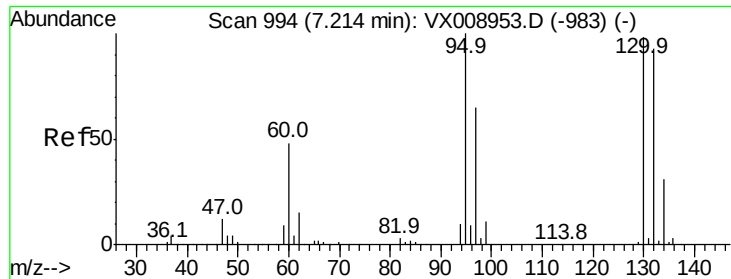


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

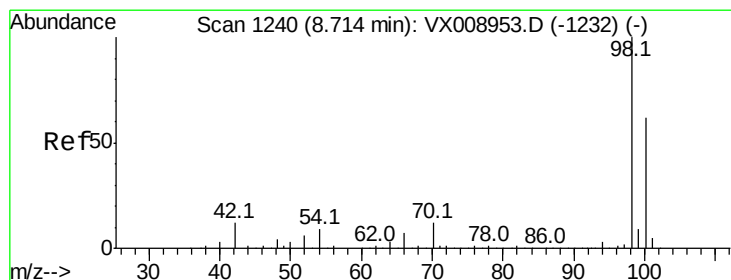
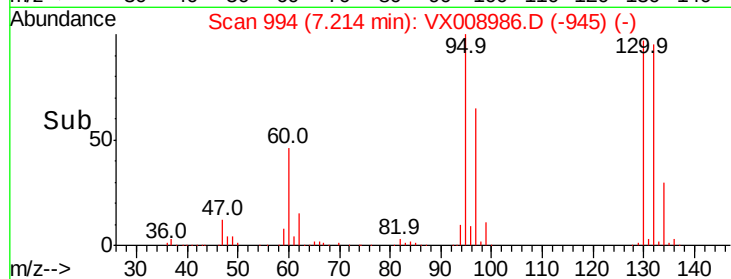
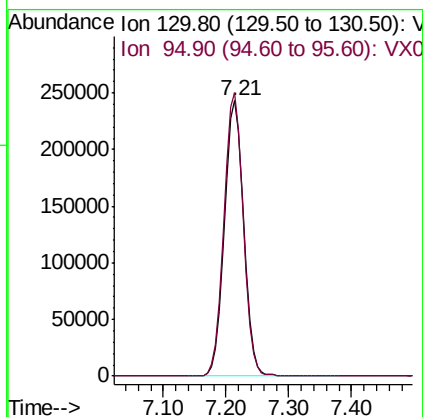
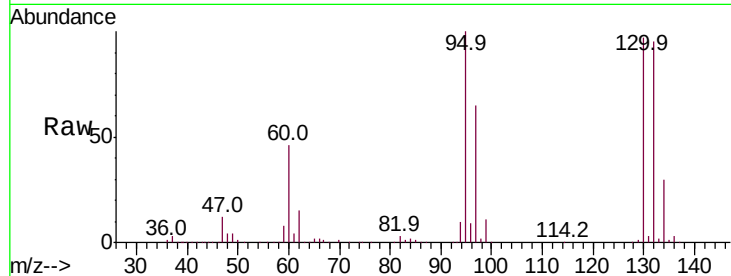




#44
 Trichloroethene
 Concen: 166.911 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008986.D
 Acq: 16 Apr 2019 14:41

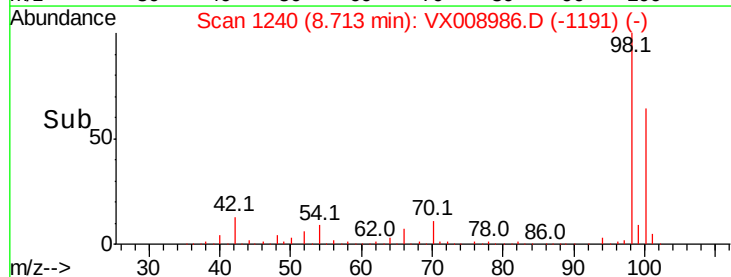
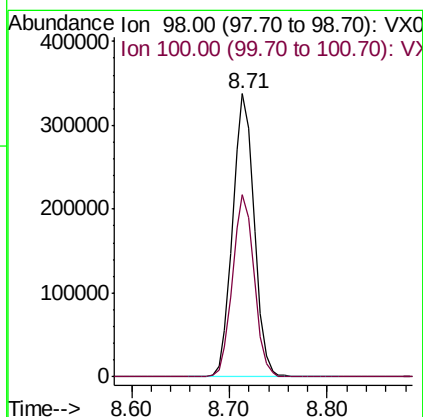
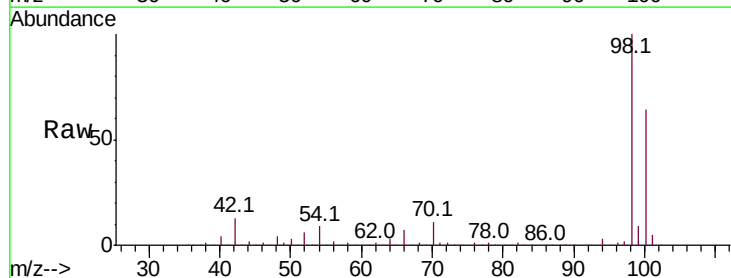
Instrument :
 MSVOA_X
 ClientSampleId :
 KY063MW003-190410

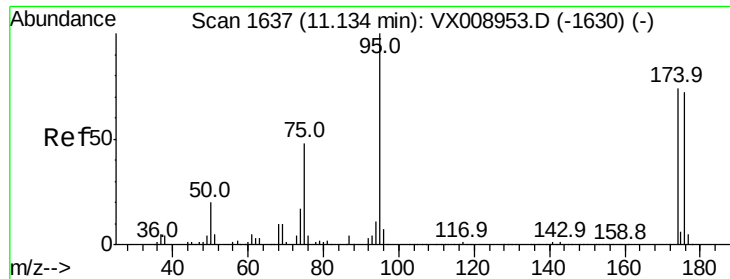
Tot Ion:130 Resp: 518959
 Ion Ratio Lower Upper
 130 100
 95 102.8 0.0 203.2



#50
 Toluene-d8
 Concen: 48.520 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008986.D
 Acq: 16 Apr 2019 14:41

Tgt Ion: 98 Resp: 516497
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 46.603 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-190410

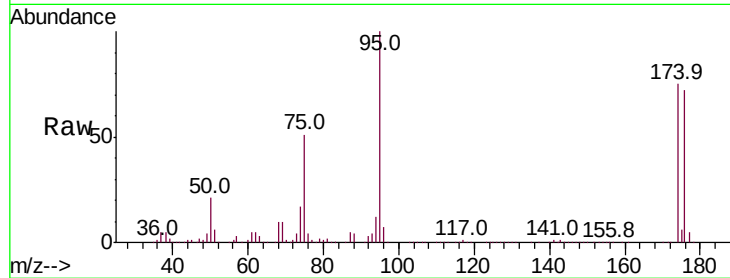
Tot Ion: 95 Resp: 175123

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.6

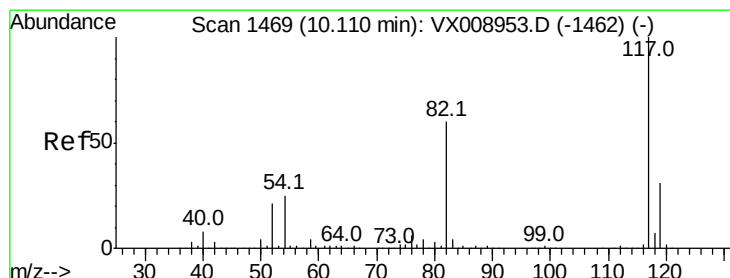
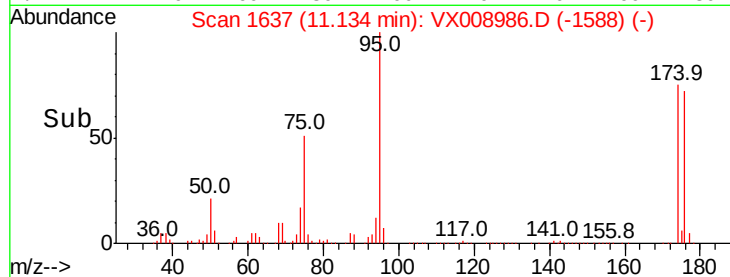
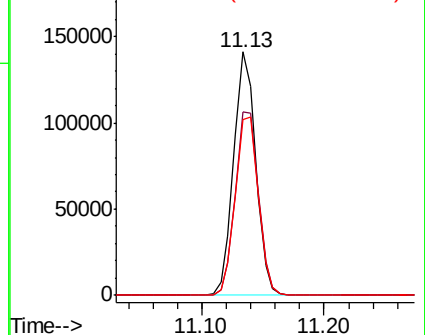
176 77.2 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

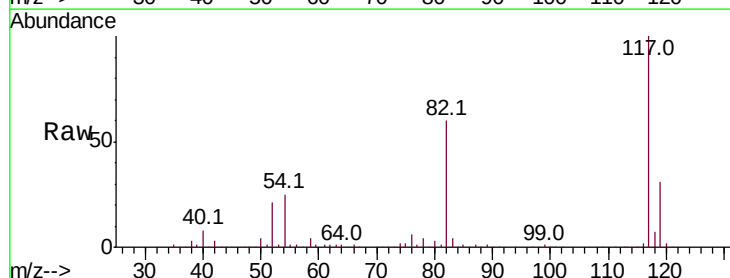
Tgt Ion: 117 Resp: 359771

Ion Ratio Lower Upper

117 100

82 60.1 48.2 72.4

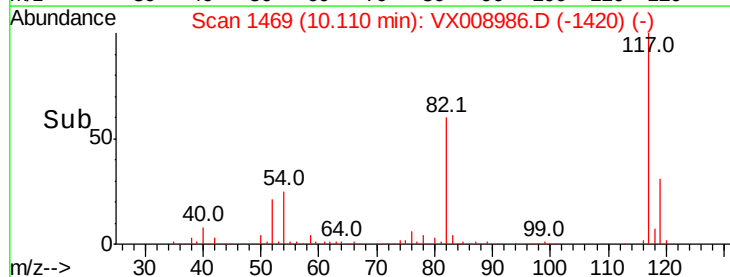
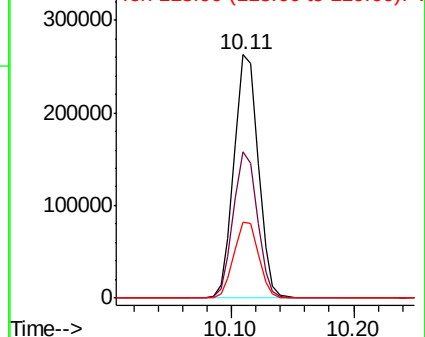
119 31.4 25.0 37.6

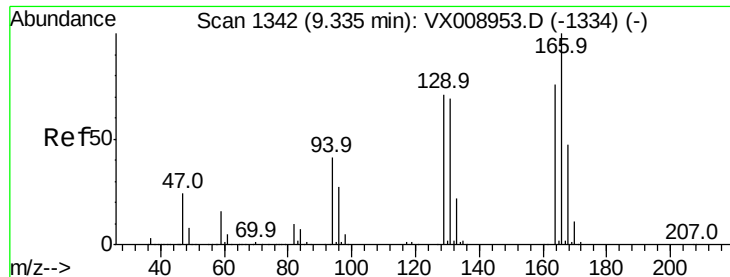


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)





#64

Tetrachloroethene

Concen: 603.811 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

Instrument :

MSVOA_X

ClientSampleId :

KY063MW003-190410

Tot Ion:164 Resp: 1650281

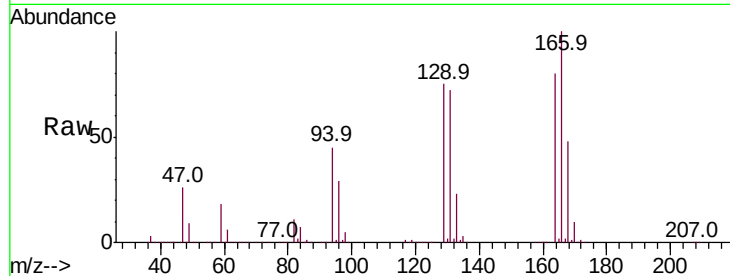
Ion Ratio Lower Upper

164 100

166 125.7 105.0 157.4

129 94.1 74.2 111.4

131 90.0 72.2 108.2

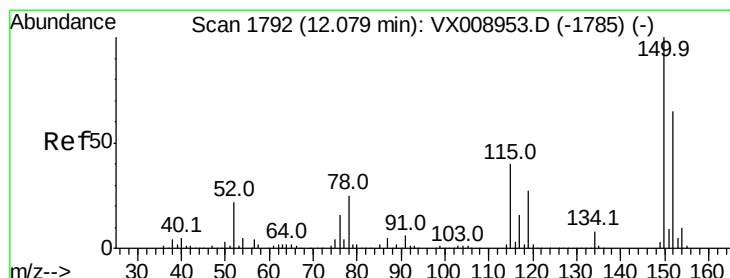
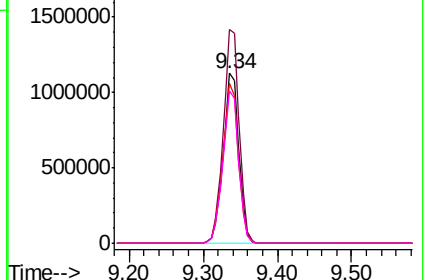
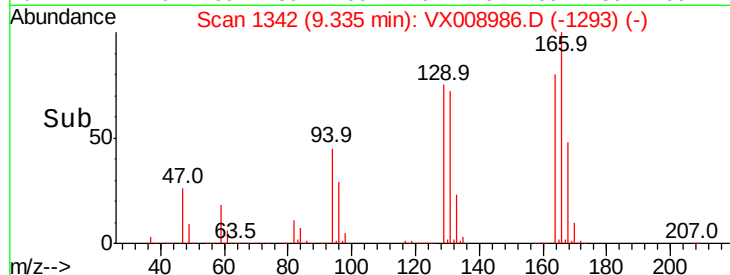


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008986.D

Acq: 16 Apr 2019 14:41

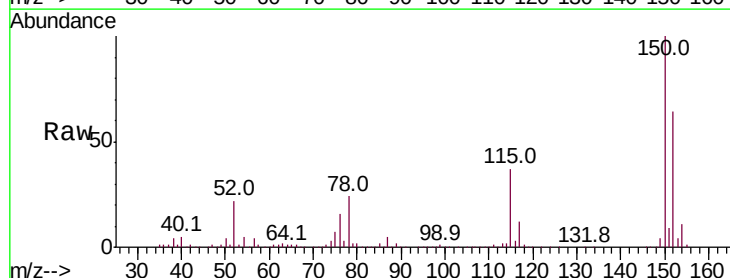
Tgt Ion:152 Resp: 156728

Ion Ratio Lower Upper

152 100

115 59.5 41.4 124.2

150 158.1 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

